

Converting Colors

YUV(68.8460, -16.6861,
-14.7739)

Have a look what the booklet for
YUV(68.8460, -16.6861, -14.7739)
contains.

YUV(68.8460, -16.6861, -14.7739)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(68.8460, -16.6861,
-14.7739)**

Conversions

Conversions Part 1

Format	Color
Hex	345423
RGB	52, 84, 35
RGB Percent	20%, 33%, 14%
CMY	0.7961, 0.6706, 0.8627
CMYK	0.38, 0.00, 0.58, 0.67
HSL	99°, 41%, 23%
HSV	99°, 58%, 33%
XYZ	4.8899, 7.1921, 2.7206
YIQ	68.8460, -3.3430, -22.0230

Conversions

Conversions Part 2

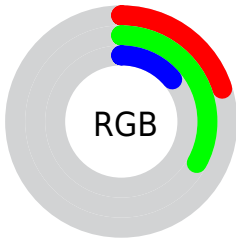
Format	Color
RYB	35, 84, 67
Decimal	3429411
CIELab	32.24, -21.97, 24.70
CIElCh	32, 33.060, 131.649
Yxy	7.1921, 0.3303, 0.4859
Android (android.graphics.Color)	4281619491 (0xFF345423)
YUV	68.8460, -16.6861, -14.7739
Hunter-Lab	26.8180, -14.3847, 12.7579

Details

The YUV color **68.8460, -16.6861, -14.7739** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **50.1540, 16.6861, 14.7739**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.0910, -18.2859, -14.9888**, and **24.3990, -12.0287, -15.2589** is the 20% darker color. If you saturate the color by 10%, you get **66.4390, -19.4434, -17.0480**, and if you desaturate by 10%, it is **71.2530, -13.9287, -12.4999**.

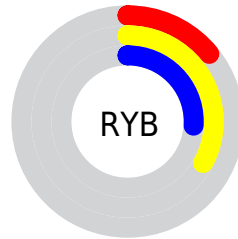
Distribution



Red (20%)

Green (33%)

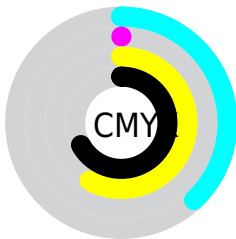
Blue (14%)



Red (14%)

Yellow (33%)

Blue (26%)

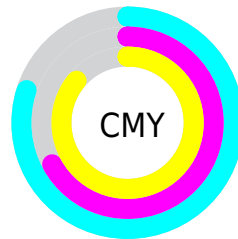


Cyan (38%)

Magenta (0%)

Yellow (58%)

Black (67%)



Cyan (80%)

Magenta (67%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.8460, -16.6861, -14.7739 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 68.8460, -16.6861, -14.7739 by changing the saturation by 10% instead.

■ 68.8460, -16.6861,
-14.7739

■ 68.8460, -16.6861,
-14.7739

255.0000, 0.0000,
0.0000

■ 45.9600, -16.2493,
-14.8739

■ 118.0910,
-18.2859, -14.9888

■ 24.3990, -12.0287,
-15.2589

■ 143.6780,
-18.5753, -15.5036

■ 8.8050, -4.3409,
-7.7220

■ 170.4500,
-19.4488, -15.3036

■ 0.0000, 0.0000,
0.0000

■ 197.9230,
-20.1750, -15.7185

■ 226.3960,
-20.9012, -16.1333

■ 244.4170,

-15.9816, -7.3817

253.4040, -6.1152,
1.3997

68.8460, -16.6861,
-14.7739

68.8460, -16.6861,
-14.7739

66.4390, -19.4434,
-17.0480

71.2530, -13.9287,
-12.4999

63.6190, -22.4902,
-19.8369

74.0730, -10.8820,
-9.7110

61.2120, -25.2475,
-22.1109

76.4800, -8.1246,
-7.4370

58.3920, -28.2943,
-24.8998

79.3000, -5.0779,
-4.6481

57.9790, -28.5836,
-25.4146

81.7070, -2.3206,
-2.3740

■ 84.4130, 0.2894,
0.5148

■ 86.9340, 3.4835,
2.6889

■ 89.6400, 6.0935,
5.5777

■ 92.1610, 9.2876,
7.7518

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.3990, -25.3397, 7.5431



68.8460, -16.6861, -14.7739



58.3820, 0.3047, -51.2010

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.8460, -16.6861, -14.7739



62.9710, 30.5803, -55.2256



75.8250, -4.3507, 42.2495

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



68.8460, -16.6861, -14.7739



50.1540, 16.6861, 14.7739

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.2720, 7.7539, 33.0875



68.8460, -16.6861, -14.7739



72.5560, 26.8409, -22.4126

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.8460, -16.6861, -14.7739



63.6090, 22.8708, -55.7851



78.4740, 18.0073, 10.9853



75.0020, -16.2700, 38.5862

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.8460, -16.6861, -14.7739



61.0210, 7.8776, -53.5154



78.4740, 18.0073, 10.9853



75.8510, -0.4195, 41.3497

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



68.8460, -16.6861, -14.7739



103.8330, -6.8197, -5.9925



68.4350, -16.4835, 13.6505



52.2400, -4.0623, -3.7185



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.8460, -16.6861, -14.7739



86.2720, -26.2631, -23.0405



64.5610, -11.1226, -25.9250



39.6470, -1.3050, -1.4444



72.3990, -35.6927, -31.9219



160.4030, -79.0787, -69.6364

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



50.1540, 16.6861, 14.7739



56.7280, 26.2631, 23.0405



54.4390, 11.1226, 25.9250



38.0540, 1.4524, 0.8296



32.3020, 35.8401, 31.3071



71.8960, 78.9313, 70.2512

Previews

White Background



This preview shows how the YUV color 68.8460, -16.6861, -14.7739 looks on a white background.

Color Contrast Check

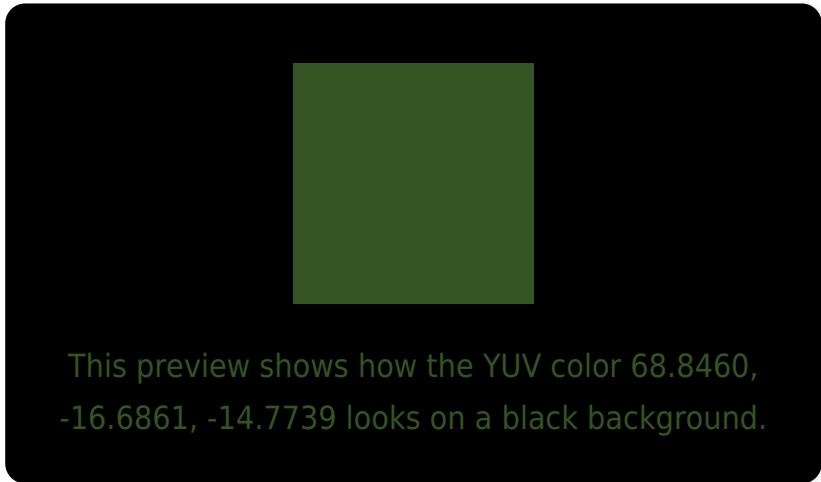
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 68.8460, -16.6861, -14.7739

Background



This preview shows how black text looks on a background with the YUV color 68.8460, -16.6861, -14.7739.



This preview shows how white text looks on a background with the YUV color 68.8460, -16.6861, -14.7739.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

68.8460, -16.6861, -14.7739

Protanopia

73.3760, -20.3984, 9.3172

Deuteranopia

74.4030, -17.9467, 16.3096



Tritanopia

74.0030, 5.4215, -12.2806

Trichromacy



Original Color

68.8460, -16.6861, -14.7739

Protanomaly

71.6630, -19.0609, 0.2955

Deuteranomaly

72.1520, -17.3299, 5.1287

Tritanomaly

72.2280, -2.5774, -13.3550

Monochromacy



Original Color

68.8460, -16.6861, -14.7739

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

68.7730, -5.8041, -5.0629

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.8460, -16.6861, -14.7739 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(52, 84, 35)` looks like.

```
.text, #text, p{  
    color:rgb(52, 84, 35)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(52, 84, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 84, 35) }
```

Border

The CSS property to change the border of an element to YUV 68.8460, -16.6861, -14.7739 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(52, 84, 35) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(52, 84, 35) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(52, 84, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 84, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 84, 35);  
box-shadow:4px 4px 4px 4px rgb(52, 84, 35)  
}
```

Background

The CSS property to change the background color of an element to YUV 68.8460, -16.6861, -14.7739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 84, 35) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(52, 84,  
35) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor